

PETROV, A.D.; NEFEDOV, O.M.; LEVKOV, Ya.L.; SHMUK, T.Yu.

Alkylation of benzene with 2-cyclohexylcyclohexanol in the
presence of $AlCl_3$. Neftekhimia 1 no.3:362-369 My-Je '61.
(MIRA 16:11)

1. Institut organicheskoy khimii AN SSSR imeni Zelinskogo.

PUDOVIK, A.N.; MURATOVA, A.A.; KONNOVA, T.I.; FEOKTISTOVA, T.; LEVKOVA,
L.N.

Reactions of esters of alkyl phosphonic acids with halogen-
containing compounds. Zhur.ob.khim. 30 no.8:2624-2630 Ag
'60. (MIRA 13:8)

1. Kazanskiy gosudarstvennyy universitet.
(Phosphonic acid)

ALIMOV, P.I.; LEVKOVA, L.N.

Esters of mono- and diisothiocyanophosphoric acids and their derivatives. Izv.AN SSSR. Ser.khim. no.1:187-189 Ja '64.

(MIRA 17:4)

1. Khimicheskiy institut im. A.Ye.Arbuzova AN SSSR.

L 35099-65 EWT(m)/EWP(j)/EPF(c) Pc-4/Pr-4 RM

ACCESSION NR: AP5009871

UR/0062/54/000/010/1889/1892

AUTHOR: Alimov, P. I.; Levkova, L. N.

TITLE: Derivatives of the methyleneamide of diethylphosphoric acids

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 10, 1964, 1889-1892

TOPIC TAGS: phosphoric acid, organic amide, chlorinated organic compound, organic phosphorus compound

Abstract: The reactions of dichloromethyleneamide of diethylphosphoric acid with ethyl- and dimethylamines, aniline, methanol ethanol, and propyl and butyl mercaptans were investigated. Dialkoxymethyleneamides of diethylphosphoric acid were prepared by reaction with sodium alcoholates or alcohols in the presence of tertiary amine. The exchange of chlorine atoms for alkoxyl groups proceeded better with alcoholates than with alcohols. The action of aliphatic or aromatic amines on the dichloride produced N-diethylphosphoryl-N',N'-alkyl(phenyl) guanidines. Mixed derivatives of the methyleneamide of diethylphosphoric acid, containing thioalkyl or ethoxyl and dimethylamino groups on the carbon atom were also synthesized.

Orig. art. has: 9 formulas, 1 table

ALIMOV, P.I.; LEVKOVA, L.N.

Dichloromethylene amides of dialkyl phosphoric acids. Izv.
AN.SSSR.Ser.khim. no. 5:932-933 My '64. (MIRA 17:6)

1. Khimicheskiy institut im. A.Ye.Arbafova AN SSSR.

ALIMOV, P.I.; LEVKOVA, L.N.

Phosphorylation of formamide. Izv. AN SSSR. Ser. khim. no.10:
1801-1807 0 '64.

Derivatives of methyleneamide of diethylphosphoric acid. Ibid.:
1889-1892 (MIRA 17:12)

1. Khimicheskiy institut im. A.Ye. Arbuzova AN SSSR.

L 64186-65 EWA(j)/ENT(m)/EPE(c)/EMP(j)/FWA(b)-2 RM
 ACCESSION NR: AP5019776 UR/0062/65/000/007/1208/1214
 542.91 + 661.718.1
 AUTHOR: Alimov, P. I.; Fedorova, O. N.; Levkova, L. N.
 TITLE: N-Substituted imides of certain organophosphorus acids
 SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 7, 1965, 1208-1214
 TOPIC TAGS: organophosphorus compound, imide, amide, fungicide

ABSTRACT: N-Substituted imides of organophosphorus acids were synthesized by direct reaction between the corresponding acid chlorides and acid amides. Imides with a cyclic radical at the phosphorus atom were synthesized, and some of their properties were studied. The reaction of diethyl chlorophosphite with N-ethyl amide of diethylphosphoric acid and the reaction of diisopropyl chlorophosphate with N-ethyl amide of diisopropylphosphoric acid in the presence of a tertiary amine readily yield the corresponding N-substituted imides of organophosphorus acids. N-methyl imide and N-ethyl imide of diethylphosphoric and ethylene glycolphosphorus acid were prepared, and reactions with sulfur, nitrogen dioxide, ethyl bromide, and chloral were carried out. To study the fungicidal effect, 12 substances were synthesized which

Card 1/2

L 64186-65

ACCESSION NR: AP5019776

2
were N-substituted imides of organophosphorus acids and whose composition included alkyl radicals with two to five carbon atoms. The experimental procedure employed in all the reactions is described. Orig. art. has: 1 table, 9 formulas.

ASSOCIATION: Khimicheskiy institut im. A. Ye. Arbuzova Akademii nauk SSSR (Chemical Institute, Academy of Sciences SSSR)

SUBMITTED: 07 Jun 63

ENCL: 00

SUP CODE: OC

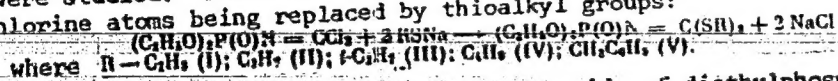
NO REF SOV: 002

OTHER: 000

Card 2/2 *mlb*

L 64174-65 EWA(j)/EWT(m)/EPF(g)/EMP(j)/EWA(b)-2 RM
 UR/0062/65/000/007/1298/1300
 542.91
 15
 13
 ACCESSION NR: APS019783
 AUTHOR: Alimov, P. I.; Levkova, L. N.
 TITLE: Synthesis of esters of N-phosphorylated imidothiocarbonic and imidocarbonic acid
 SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 7, 1965, 1298-1300
 TOPIC TAGS: organophosphorus compound

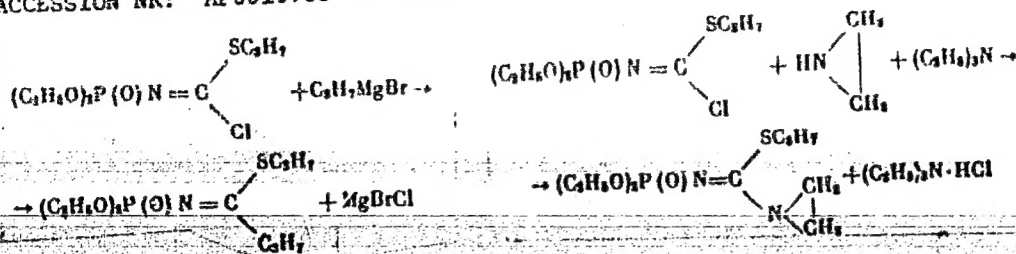
ABSTRACT: The reaction of dichloromethylene amide of diethylphosphoric acid with mercaptides, glycolates, and ethylene chlorohydrin, and the reactions of thiopropylmonochloromethylene amide of the same acid with propylmagnesium bromide and ethylene imine were studied. Dichloromethylene amide readily reacts with sodium mercaptides, both chlorine atoms being replaced by thioalkyl groups:



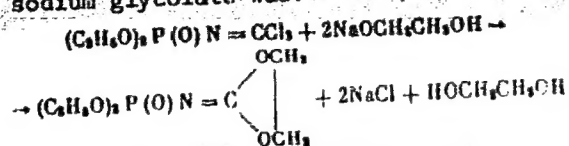
The reaction of thiopropylmonochloromethylene amide of diethylphosphoric acid with propylmagnesium bromide or ethylene imine had the following course:

Card 1/3

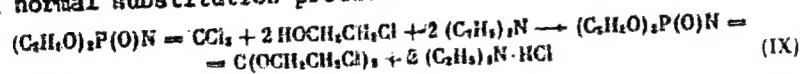
L 64174-65
ACCESSION NR: AP5019783



The reaction with sodium glycolate was:



In the presence of triethylamine, the reaction with ethylene chlorohydrin probably yields a normal substitution product:

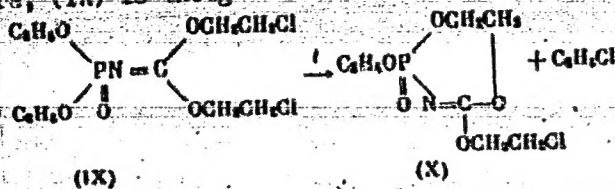


Card 2/3

L 64174-65

ACCESSION NR: AP5019783

At a high temperature, (IX) is thought to convert partially into the cyclic derivative (X):



The synthetic procedures employed are described. Orig. art. has: 1 table, 7 formulas.

ASSOCIATION: Khimicheskiy institut in. A. Ye. Arbuzova Akademii nauk SSSR (Chemical Institute, Academy of Sciences SSSR)

SUBMITTED: 09Nov64

ENCL: 00

SUB CODE: GC, OC

NO REF SOV: 001

OTHER: 000

Card 3/3

LEVKOVA, N.A. (Khabarovsk)

Modifications in the central nervous system in subacute bacterial endocarditis. Arkh.pat.17 no.2:46-50 Ap-Je '55 (MLRA 8:10)

1. In kafedry patologicheskoy anatomii (zav.dotsent A.I.Zelenskiy) Khabarovskogo gosudarstvennogo meditsinskogo instituta (dir. dotsent S.K.Nechepayev)

(ENDOCARDITIS, SUBACUTE BACTERIA, physiology, CNS)

(CENTRAL NERVOUS SYSTEM, in various diseases, endocarditis, subacute bact.)

LEVELOVA, N.A. (Moskva)

Course of experimental endocarditis induced by antiheart serum.

Ark. pat. 18 no.4:89-92 '56

(MIRA 11:10)

1. Iz kafedry patologicheskoy anatomii (zav. - deystvitel'nyy
chlen AMN SSSR prof. I.V. Davydovskiy) II Moskvovskogo meditsinskogo
instituta imeni I.V. Stalina.

(ENDOCARDITIS, exper.

induced by anti-heart serum in dogs (Rus))

(IMMUNE SERA

anti-heart serum, induction of endocarditis in dogs (Rus))

LEVKOVA, N.A., kandidat meditsinskikh nauk

Problem of schuller-Christian disease. *Pediatriia* 39 no.2:79-80
Mr-Apr '56. (MIRA 9:8)

1. Iz kafedry patologicheskoy anatomii (zav. - dotsent A.I.Zelenskiy)
Khabarovskogo meditsinskogo instituta (dir. - dotsent S.K.Nechepayev)
(LIPOIDOSIS, in infant and child,
Schueller-Christian dis., case report (Rus))

LEVKOVA, N.A. (Moskva)

The role of endocardiotoxic serum in the development of
experimental endocarditis. Arkh. pat. 19 no.2:40-47 '57
(MLRA 10:4)

1. Iz kafedry patologicheskoy anatomii (sav.-deystvitel'nyy
chlen AMN SSSR prof. I.V. Davydevskiy) II Moskovskogo
gosudarstvennogo meditsinskogo instituta imeni I.V. Stalina.
(ENDOCARDITIS, exper.
endocardiotoxic serum in pathogen)

LEVKOVA, N.A. (Moskva)

Problem of nonbacterial endocarditis [with summary in English].
Arkhn.pat. 20 no.2:48-54 '58. (MIRA 11:4)

1. Iz kafedry patologicheskoy anatcmii (zav. - prof. I.V.Davydovskiy)
II Moskovskogo gosudarstvennogo meditsinskogo instituta.

(ENDOCARDITIS, exper.

induction by endotoxins in dog & rabbit, pathogen. &
histopathol. (Rus))

IEVKOVA, N.A. (Byasan!)

Role of aortotoxic serum in the localization of pathological processes [with summary in English]. Arkh.pat. 20 no.5:39-45
'58 (MIRA 11:6)

1. Iz kafedry patologicheskoy anatomii (zav. - deystvitel'nyy chlen AMN SSSR prof. I.V. Davydovskiy) II Moskovskogo gosudarstvennogo inatituta imeni N.I. Pirogova.

(CARDIOVASCULAR DISEASES, experimental,

induced by aorto-toxic specific serum (Rus))

(AORTA

aorto-toxic serum, induction of exper. vasc. lesions (Rus))

(IMMUNE SERUMS, effects, same)

EXCERPTA MEDICA Sec 5 Vol 12/11 General Path. Nov 59

3366. THE ROLE OF MYOCARDIOTOXIC SERUM IN THE DEVELOPMENT OF
EXPERIMENTAL ENDOMYOCARDIITIS (Russian text) - Levkova N. A.
Dept. of Path. Anat., II. Med. Inst., Moscow - ARKH. PATOL. 1959, 21/1 (10-
19) illus. 7

Allergy plays an important part in the causation of myocarditis. In a study of this subject, 15 rabbits were treated with a myocardiotoxic serum (against rabbit myocardium), with a titre of 1:200, obtained from geese. In the first experimental series (5 animals), 5 times 2 ml. of this serum was injected i.v. at 3-day intervals, with a final dose of 3 ml. In 3 animals a distinct myocarditis with muscular disintegration and endovasculitis could be observed. In the second series (10 animals) the treatment was the same as in the first, the only difference being that simultaneously with the last dose of serum 4,000,000,000 Str. viridans were injected. Five of these animals not only developed a severe myocarditis but also endocarditis, with renal infarction in a few instances. Reference is made to the 'stereotopia' of the cellular myocardial reactions provoked by the different treatments. It would seem doubtful whether it is justified to qualify all these predominantly dystrophic and myolytic processes as 'inflammatory'.

Brandt - Berlin (V, 18)

LEVKOVA, N.A. (Uzhgorod)

Role of myocardiotoxic serum in the development of endomyocarditis [with summary in English]. Arkh.pat. 21 no.1:10-19 '59.
(MIRA 12:1)

1. Iz kafedry patologicheskoy anatomii (zav. - daystvitel'nyy chlen AMN SSSR prof. I.V. Davydovskiy) II Moskovskogo gosudarstvennogo instituta imeni N.I. Pirogova.

(MYOCARDITIS, exper.

endomyocarditis induced with myocardiotoxic serum (Rus))

(IMMUNE SERUMS

myocardiotoxic serum inducing exper. endomyocarditis (Rus))

LEVKOVA, N.A. (Uzhgorod)

Effect of nephrotoxins. Arkh.pat. 21 no.2:41-48 '59.

(MIRA 12:12)

1. Iz kafedry patologicheskoy anatomii (zav. - deyatvitel'nyy chlen
AMN SSSR prof. I.V. Davydovskiy) II Moskovskogo meditsinskogo instituta
im. N.I. Pirogova.

(IMMUNE SERUMS, effects,

nephrotoxic serums, in animals (Rus))

(KIDNEYS,

nephrotoxic serums, eff. in animals (Rus))

LEVKOVA, N.A.

Cerebrotoxins as a localizing factor in experimental encephalitis.
Ark. pat. 21 no.12:23-29 '59. (MIRA 13:12)
(ENCEPHALITIS)

LEVKOVA, N.A.

Localization of tuberculosis in fibromyoma of the uterus. Akush.
i gin. 35 no.1:114-115 Ja-F '59. (MIRA 12:2)

1. Is 2-y gorodskoy bol'nitay (glavnyy vrach I.A. Galum), Ryazan'.
(TUBERCULOSIS, FEMALE GENITAL, compl.
tuberc. foci in uterine fibromyoma (Rus))
(UTERUS NEOPLASMS, compl.
same)
(LEIOMYOMA, compl.
same)

LEVKOVA, H.A.; BORISENKO, P.S.

Bilateral tubular pregnancy. Akush. i gin. 35 no.3:119
My-Je '59. (MIRA 12:8)

1. Iz kafedry ginekologii (zav. - prof.G.N.Smirnov), kafedry
patologicheskoy anatomii (zav. - prof.V.K.Beletskiy) Ryazan-
skogo meditsinskogo instituta i 2-y gorodskoy bol'nitsy Ryazani
(glavnyy vrach I.A.Galyun).
(PREGNANCY, ECTOPIC)

LEVKOVA, N. A. Dr. Med Sci — (diss) "Reproduction of Endocarditis,
Bacterial and non-Bacterial, in Conditions of Action of Various
Cytotoxic Sera," Kiev, 1960, 24 pp, 130 copies (Department of Biological
Sciences, AS UkSSR) (KL, 46/60, 126)

LEVKOVA, N.A., dotsent; SKUBA, N.D.

Lymphoepitheliomas or Schmincke's disease. Vest.otorin. no.6:
40-43 '61. (MIRA 15:1)

1. Iz kafedry patologicheskoy anatomii (zav. - dotsent N.A.
Levkova) meditsinskogo fakul'teta Uzhgorodskogo universiteta.
(NASOPHARYNX—TUMORS)

LEVKOVA, N. A.; KESTNER, G. V. (Uzhgorod)

Pathogenesis of infectious hemorrhagic nephrosonephritis in an
experimental lesion of the hypothalamus-hypophysial region.
Ark. pat. no.4:13-18 '62. (MIRA 15:4)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. N. A.
Levkova) Uzhgorodskogo gosudarstvennogo universiteta (rektor -
prof. I. I. Lenarskiy)

(HEMORRHAGIC FEVER) (HYPOTHALAMUS—DISEASES)
(PITUITARY BODY—DISEASES) (KIDNEYS—DISEASES)

LEVKOVA, N.A.; SKUBA, N.D.

Sarcomas of the uterus. Akush. i gin. 39 no.4:46-49 J1-Ag'63
(MIRA 16:12)

1. Iz kafedry patologicheskoy anatomii (zav. - prof. N.A.
Levkova) Uzhgorodskogo universiteta.

LEVKOVIE^{CH}, A. P.

Levkin, A. P. "Pathologico-anatomical changes in the central nervous system in the early stages of traumatic sepsis and traumatic draining," Trudy Tsent. in-ta psikhiatrii, Vol. IV, 1949, p. 259-68

SO: U-4934, 29 Oct. 53, (Letopis 'Zhurval 'nykh Stateli, No. 16, 1949).

LEVKOVICH, A.P.

BANDAS, B.S.; LANDO, D.I.; LEVKOVICH, A.P.; NULLER, Yu.B.; TARASOV, G.K.;
TSIVIL'KO, V.S.

Investigations on prolonged medicinal sleep in animals; preliminary
communication. Zhur. nerv. i psikh. 54 no.9:773-787 S '54. (MIRA 7:9)

1. Kafedra psikhiatrii Tsentral'nogo instituta usovershenstvovaniya
vrachey i Nauchno-issledovatel'skiy institut psikhiatrii Ministerstva
sdravookhraneniya RSFSR.

(SLEEP, effects,
in dogs)

LEVKOVICH, A.P.

Pathoarchitectonic and pathohistologic modifications in the brain
in hypertension. Zhur. nevr. i psikh. 54 no.10:857-873 0 '54.

(MLRA 7:11)

1. Patoarkhtektonicheskaya laboratoriya Gosudarstvennogo instituta
psikhiatrii Ministerstva zdoravookhraneniya RSFSR.

(BRAIN, in various diseases,
hypertension, histopathol.)

(HYPERTENSION, pathology,
brain)

✓ The mechanism of action of aminazine H Q Berodas.

Acute and chronic experiments were performed on dogs developed conditioned defense reflex responses and upon dogs with fixed and unconditioned salivary reflexes. The administration of the drug the minute seems to have a beneficial effect on the animal's appetite. Amiazine frequently causes the lowering of the dog's temperature. This is even more sharply in evidence in the rat. The arterial blood pressure of the dog administered moderate doses of the amiazine rapidly drops to 30 mm. Small doses of the amiazine bring about a mild tachycardia in the dog, and as the dose of the drug is increased the pulse becomes labile. Small and moderate doses of amiazine lower the

There are observed also a frequent drop in the no. of the erythrocytes and in the hemoglobin, a labile lymphopenia, a relative increase in the number of the cells of the bone marrow.

The clinical symptoms of amiazine intoxication are negligible. Traces of blood were observed in the feces of the exptl. dogs. The morphologic changes in the internal organs of the animals are characterized by the presence of hemorrhages and bear the characteristics of a vascular necrosis and spotted blood exudation in the adipose tissues. Changes in the brain cells in the majority of cases are limited to manifestations of edemas, particularly in the cell nuclei.

These changes are thought to be of a reversible character. The reaction of the gastric and oligodendroglia bear the characteristics of a proliferative process. The macroscopic changes of the exposed brain are less notable than in the case of prolonged barbamil administration to dogs and in the majority of instances such changes are not observed.

b 5 1 m

2/2

LEVKOVICH, B.A.; L. LOMSKY, G.I.; SHAPIRO, A.I.; VOLKOV, V. L.

Separation of immature seeds and impurities from fibers and
lint during the doffing from the teeth of saw gins. Izv. vys.
ucheb. zav.; tekhn. teks. prom. no.3:37-42 '62.

(MIRA 17:10)

1. Tashkentskiy tekstil'nyy institut i t'zbekskiy zavod sel'sko-
khozyaystvennykh mashin.

KHAMUDKHANOV, M.Z., kand.tekhn.nauk, otv. red.; RODIMKIN, Ye.D.,
kand.tekhn. nauk, red.; URMANOV, P.N., kand. tekhn. nauk,
red.; LEVKOVICH, B.A., red.; KISELEVA, V.N., red.; SOKOLOVA,
A.A., red.; KARABAYEVA, Kh.U., tekhn. red.

[Power engineering, automation, mining, and light industry]
Voprosy energetiki avtomatiki, gornogo dela i legkoi pro-
myshlennosti. Tashkent, Izd-vo AN UzSSR, 1961. 243 p.

(MIRA 15:8)

1. Akademiya nauk Uzbekskoy SSR, Tashkent, Otdeleniye tekhnicheskikh nauk. 2. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for Levkovich).

(Power engineering) (Automation) (Mining engineering)

LEVKOVICH, B. A., ed.

(Primary processing of cotton; textbook) Moskva, Gos. Nauchno-tekhn. izd-vo
legkoi promyshl., 1950. 280 p. (55-16278)

TS1575.L4)

LEVKOVICH, B.A., doktor tekhnicheskikh nauk.

Technical progress in the primary processing of cotton. Tekst.
prom. 16 no.7:7-8 J1 '56. (MLRA 9:8)
(Cotton gins and ginning)

LEVKOVICH, B.A.; BOLDINSKIY, G.I.; ZEL'TIN, A.I.

Theory of removing fiber and lint on gins and linters. Izv.
AN Uz.SSR.Ser.tekh.nauk 6 no.2:17-21 '62. (MIRA 15:7)

1. Tashkentskiy tekstil'nyy institut.
(Cotton gins and ginning)

LEVKOVICH, B.A., prof.

Efficient shape of gin saw teeth. Sbor.nauch.-issl.rab.TTI
no.12:63-69 '61. (MIRA 15:11)

1. Chlen-korrespondent AN UzSSR.
(Cotton machinery--Design and construction)

ARIFOV, U.A.; KULAGIN, A. I.; PARILIS, E.S.; KHARMATS, D.Ye.;
LEVKOVICH, B.A., prof., red.; BAKLITSKAYA, A.V., red.;
KARABAYEVA, Kh.U., tekhn. red.

[Delinting cottonseed] Ogolenie semian khlopchatnika. Tashkent,
Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 330 p. (MIRA 16:3)

1. Chlen-korrespondent Akademii nauk Uzbekskoy SSR (for
Levkovich).

(Cottonseed) (Cotton machinery)

LEVKOVICH, B.A.; BOLDINSKIY, G.I.; ZEL'TIN, A.I.; DZHAMALOVA, M.M.

Theory of a cotton cleanser for removing minute impurities.
Izv. AN Uz. SSR. Ser. tekhn. nauk 7 no.5:29-34 '63.

(MIRA 17:2)

1. Institut mekhaniki AN UzSSR.

LEVKOVICH, B.A.; ZEL'TIN, A.I.; BOLDINSKIY, G.I.; DZHAMALOVA, M.M.

Theory of a screen lattice with circular and elliptical cross
section of the rods. Izv. AN Uz. SSR. Ser. tekhn. nauk 8
no.1:28-33 '64. (MIRA 17:6)

1. Institut mekhaniki AN Uzbekskoy SSR.

LEVKOVICH, M.N.; ZASUKHINA, G.D.

Serological diagnosis of tick-borne encephalitis by tissue-culture method. Acta virol Engl. Ed., Praha 3 no.2:73-81 Apr 59.

1. Encephalitis Laboratory, Ivanovsky Institute of Virology, U.S.S.R. Academy of Medical Sciences, Moscow.

(ENCEPHALITIS, diagnosis
tissue culture method for tick-borne encephalitis)
(TISSUE CULTURE,
method for serol. diag. of tick-borne encephalitis)

POGODINA, V.V.; LEVKOVICH, E.E.; RODEK, I.M.; KARPOVICH, L.G.

Variation in the pathogenicity of viruses of the tick-borne encephalitis complex for different animal species. II. Evaluation of neurovirulence for lambs and piglets as a strain marker. Acta virol. (Praha) [Eng.] 8 no.6:521-531
'64

1. Institute of Poliomyelitis and Viral Encephalitides, U.S.S.R. Academy of Medical Sciences, Moscow.

LEVKOVICH, F.F.
VOL'F, F.F. [deceased]; LEV KOVICH, F.Ye.

Influence of the small additions of various substances on the solubility
of aluminum hydroxide in alkaline solvent. Trudy Ural. politekh.
inst. no. 58:24-27 '57. (MIRA 11:4)
(Aluminum hydroxide) (Solubility)

15
Cycl. hexanone-formaldehyde resins. A. A. Mag. 1961
G. A. Lektorskiy, et al. 1961

2 May 1961

AID P - 1373

Subject : USSR/Chemistry

Card 1/1 Pub. 119 - 6/6

Authors : Blagonravova, A. A. and Levkovich, G. A., (Moscow)

Title : Organic isocyanates

Periodical : Usp. khim., 24, no. 1, 93-119, 1955

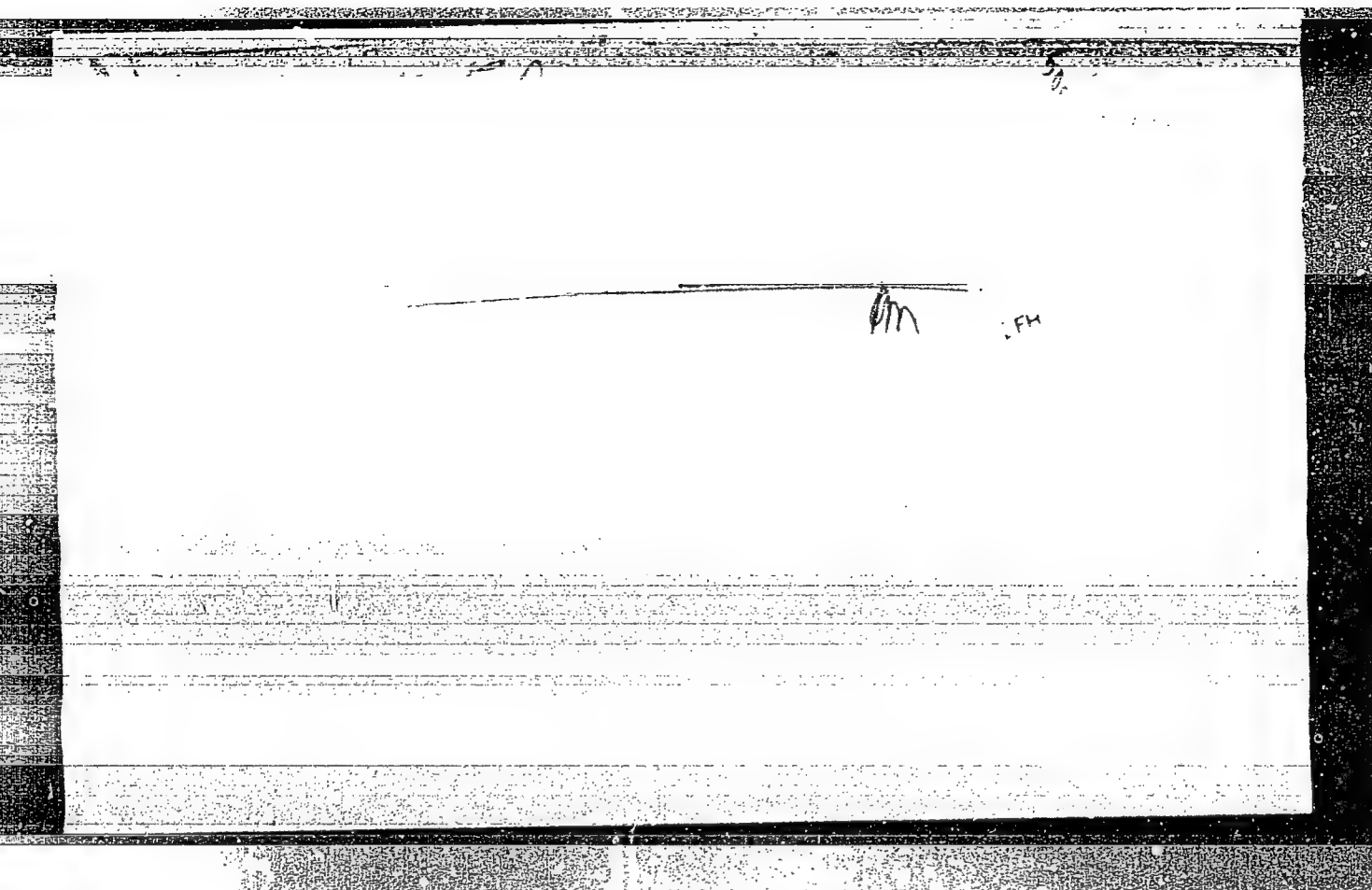
Abstract : Methods of preparation of organic isocyanates, their reactions, and uses are reviewed. Most of the references are to non-Russian sources. 205 references (7 Russian: 1868-1952).

Institution : None

Submitted : No date

"APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929710



APPROVED FOR RELEASE: Monday, July 31, 2000

CIA-RDP86-00513R000929710C

BLAGONRAVOVA, A.A.; MESHCHERYAKOVA, Z.M.; LEVKOVICH, G.A.; KAZANTSEVA, M.V.

Development of the technique of producing urea-formaldehyde resins.

Khim.prom. no.5:280-283 J1-Ag '56.

(MLBA 9:11)

(Gums and resins) (Urea) (Formaldehyde)

LEVKOVICH, G. A.: Master Chem Sci (diss) -- "The catalytic effect of certain
~~zinc compounds~~ on the formation of polyurethanes". Moscow, 1959, 13 pp (Min
Higher Educ USSR, Moscow Order of Lenin Chem-Tech Inst im D. I. Mendeleyev),
100 copies (KL, No 10, 1959, 123)

Lev Kovic, h, G. A.

2 1/2 m

condensation in BuOH. the first stage of pH 10 and the 2nd pH 4.5 at 90° and with condensation in the 2nd stage. mended are the adipic acid ester mixed with diethylene glycol and carbonate obtained with excess of glycol resistant coatings. But darker in color. 4. V. Stebber

307/4982

International symposium on macromolecular chemistry, Moscow, 1960.

Mezhdunarodnyy simpozium po makromolekulyarnoy khimii SSSR, Moskva, 1960. Izdaniye 1960 g.; dolozhnyy i referatnyy. Sektsiya I. International Symposium on Macromolecular Chemistry held in Moscow, June 14-18, 1960. Papers and Summaries. Section I. [Moscow, Izdatvo AN SSSR, 1960] 146 p. 5,500 copies printed.

Sponsoring Agency: The International Union of Pure and Applied Chemistry, Commission on Macromolecular Chemistry

Tech. Ed.: T. V. Polyakova.

PURPOSE: This collection of articles is intended for chemists and researchers interested in macromolecular chemistry.

CONTENTS: This is Section I of a multivolume work containing scientific papers on macromolecular chemistry in Moscow. The material includes data on the synthesis and properties of polymers, and on the processes of polymerization, copolymerization, polycondensation, and polyrecombination. Each text is presented in full or summarized in French, English, and Russian. There are 47 papers, 28 of which were presented by Soviet, Rumanian, Hungarian, and Czechoslovakian scientists. No personalities are mentioned. References accompany individual articles.

Ponomarev, I. P., N. I. Rumyshev, D. F. Kostromskaya, V. I. Buzhova, and E. P. Kozhova (USSR). Polycondensation of the α -halo acids Esters in the Presence of Carbon Dioxide

210

Miksz, J. A. (Hungary). On the Behavior of Mixed Perfluoro-Formaldehyde Phenolic Plastics

215

Alvira, M. S., and L. A. Rodriguez (USSR). On the Heterogeneous Method of the Polycondensation

228

Mikhalov, E. V., V. I. Markovskiy, and S. S. Mikhalov (USSR). On the Reactions Underlying the Interfacial Polycondensation of Acid Chlorides of Monoaromatic Acids and Diamines in the Process of Fiber Formation

237

Alexandru, I., and L. Dancu (Romania). Synthesis of Polyurethols by Interfacial Polycondensation

245

Blaschke, A. A., G. A. Lektorskiy, and I. A. Frenkel (USSR). The Catalytic Action of Some Initiating Compounds on the Formation of Polyurethanes

255

Leick, P., and B. Chuvpik (Czechoslovakia). Some Problems of Polycondensation in a Suspension

262

Golubeva, A. V., E. P. Usmanova, and A. A. Vashchuk (USSR). Copolymer of α -Naphthylstyrene and Vinyl Naphthalene With Other Vinyl Compounds

282

Lee, D., and M. Kolinsky (Czechoslovakia). Chain Transfer Reactions in the Polymerization of Vinyl Chloride

304

Zelinger, J. (Czechoslovakia). Study of the Kinetics of Dispersed Polymerization of p-Chlorostyrene in a Column Containing an Aqueous Solution With a Linear Density Gradient

305

Mosler, I., V. Matyjas, and Ya. Polach (Czechoslovakia). Thermal Aging of Polychloroprene

328

AVAILABLE: Library of Congress

Card 9/9

24/Jan/78
9499-51

27

Organotin Polymers

Kotom, M. M., E. M. Mikhaylova, and P. S. Florinsky (USSR). The Effect of Chemical Structure on the Polymerization Activity of the Unsaturated Organotin Compounds

381

Kol'manitskiy, M. V. (USSR). Cooperative Processes in the Polycondensation of Diolymers

Card 6/9

49

GNATYUK, K.S., red.; LEVKOVICH, G.A., red.; NAUMENKO, I.A., red.;
PAVLENKO, V.A., kand.sel'skokhoz.nauk, red.; PEREKHREST,
S.M., dotsent, red.; PONOMARENKO, A.I., red.; PRAPPENKO,
Ye.Ya., red. [deceased]; SMOLYAK, V.V., red.

[Technical information] Tekhnicheskaya informatsiya. Kiev,
1956. 55 p. (MIRA 15:2)

1. Kiev. Ukrainskiy gosudarstvennyy institut po proyektiro-
vaniyu vodokhozyaystvennykh sooruzheniy i sel'skikh elektro-
stantsiy.

(Ukraine--Water resources development)

SALOVA, A.S.; ANTONOVA-ANTIPOVA, I.P.; LEVKOVICH, G.A.; BOGATYREV, P.M.

Impurities in diphenylpropane. Lakokras.mat.1 ikh prim. no.1:
71-72 '62. (MIRA 15:4)
(Propane)

LEVKOVICH, I.L., inzhener (g. Salavat).

Advanced method for assembling fractionating columns. Stroi.
pred.neft.prom. 1 no.8:25-26 0 '56. (MLRA 9:12)

(Petroleum--Refining)

BUKHMEN, N.D.; LEVKOVICH, K.M.; KADYKOV, B.I. , professor, zaveduyushchiy.

Effect of phosphatides and oxypolymerized vegetable oil on the nutritive value of sunflower seed oil. Vop.pit. 12 no.3:49-54 My-Je '53. (MLA 6:6)

1. Otdel gigiyeny i fiziologii pitaniya Nauchno-issledovatel'skogo sanitarno-gigiyenicheskogo instituta (Leningrad). (Lecithin) (Oils and fats)

LEUKOVICH, L. I.

112

Processes and Properties Index

The influence of external temperature, diet and emotion on the pharmacological action of thallium. L. I. Levkovich. *Bull. biol. med. expt. U. S. S. R.* 5, 271-3 (1965) (in English).—Sheep and Angora rabbits were given sublethal doses of $TlOAc$ and $TlAl(SO_4)_2 \cdot 12H_2O$. Variations of temp. as well as local warming and cooling of sep. parts of the skin did not affect the process of exptl. moulting induced by Tl compds. In animals kept at -3° mortality was reduced, no toxic diarrhea was observed and the progress of the toxic process was much slower than at 11 or 24° , but the loss in wt. was greater. A hunger diet begun 1 day after administration of Tl and continued for 5 days caused loss of hair in 46.7%, diarrhea in 86.7 and death in 10.0% of the cases, as contrasted with loss of hair in 3.3% of the cases, with no diarrhea or deaths occurring in the controls on a normal diet. Confinement in pens with dry food led to loss of hair in 66.7%, with strong toxic effects and 15.1% av. loss in wt. Under pasture conditions on the same Tl dosage no loss of hair or deaths were observed in sheep and the wt. loss was only 1.7%. Sheep kept in larger stalls with freedom of movement showed greater resistance to Tl . S. A. Karjala.

ASD-SLA METALURGICAL LITERATURE CLASSIFICATION

LEVKOVICH, L. I.

USSR/Medicine - Chemical Substances Nov/Dec 48
Temperature

"Action of Chemical Substances on the Organism Under
Various External Temperatures," L. I. Levkovich,
Moscow, 17 1/2 pp

"Izvestiya Sovrem Biol" Vol XXVI, No 3 (6)

Reviews various articles and analyzes data on changes
in the reaction of an organism to given chemical
factors (medicines, poisons) in relation to physical
factors (heat, cold). That physical and chemical
factors act both as a whole and as a given complex
must be considered to appreciate completely the

3/50157

USSR/Medicine - Chemical Substances Nov/Dec 48
(Contd)

interrelationship of the organism. These studies
have practical value for open-air workers (soldiers,
farmers, etc.). Action of many medical substances
under hyper- or hypothermal conditions must be
studied. Study of action of external factors on
on antihelmintics would be of great value to
veterinarians.

3/50157

S/146/52/005/004/011/013
D295/D308

AUTHOR: Levkovich, L.V. and Platonov, Ye.S.
TITLE: Calorimeters for rapid thermophysical tests of metals
over a wide temperature interval
PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Priboro-
stroeniye, v. 5, no. 4, 1962, 85-93

TEXT: A review of existing calorimetric methods for the
determination of one or several thermal parameters by subjecting the
tested substance to monotonic heating or cooling over a wide tempera-
ture interval reveals the lack of equipment of such type suitable
for large-scale industrial application. Three new calorimeters for
testing metals and metal alloys are described, the theory of which
is based on Refs. 9 and 10 [Platonov, Ye.S., Metod skorostnogo
izmereniya temperaturoprovodnosti teploizolatsionnykh i poluprovodni-
kovykh materialov v shirokom intervale temperatur (Method of rapid
measurement of temperature conductivity of thermo-insulating and
semiconductor materials over a wide temperature range), Izv. vuzov

Calorimeters for rapid ...

S/146/62/005/004/011/013
D295/D308

SSSR, Priborostroyeniye, no. 1, 1961; and Platonov, Ye.S., Metod skorostnykh izmereniy teploprovodnosti i teployemkosti materialov v shirokom intervale temperatur (Method of rapid measurements of thermal conductivity and thermal capacity of materials over a wide temperature interval), Izvestiya vuzov SSSR, Priborostroyeniye, no. 4, 1961, although substantial differences in design allow for the high thermal capacity and conductivity of metal samples. They are: (a) a desk-mounted a.c.-calorimeter for temperature-conductivity and thermal capacity measurements under atmospheric conditions over 20 - 500°C temperature interval, two differential thermocouples giving the heat flow and rate of temperature increase respectively; (b) an asymmetric a-calorimeter for tests in vacuum between 20 and 700°C using 2 thermocouples for the temperature-field distribution with 3 - 7% error; (c) a symmetric type a-calorimeter for 20 to 1300°C for tests in vacuum using 3 thermocouples. Measurements of thermal capacity and temperature conductivity of (armko) iron by means of the three calorimeters are shown. There are 5 figures. The most important English-language reference is: O'Neal, H. Edward and Gregory, N.W., Rev. Scient. Instrum. v. 3, no. 6, 1959.

Card 2/3

РАПОПОРТ, И. Б. - ЛЕВКОВИЧ, М. М.

Hydrocarbons

Mechanism of synthesis of hydrocarbons from carbon monoxide and hydrogen over iron catalysts. Dokl. AN SSSR 84, no. 4, 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

LEVKOVICH, M.M.; MEZHOV, V.D.; DZHAKELI, T.N.

Production of secondary alkyl sulfates. Khim. i tekhn. topl. i
masel 6 no. 5:24-29 My '61. (MIRA 14:5)
(Paraffins) (Sulfuric acid)

TASTENOV, A.M., LEVKOVICH, P.YE. - Mining Engineers

Karagando Basin—coal mines and mining

Applying the three-story system of mining with metal screen flooring to the coal seam
"Verkhniiaia Marianna." Ugol', no. 6(315), 1952.

9. Monthly List of Russian Accessions, Library of Congress, AUGUST 1952 ~~1953~~ Uncl.

LEKOVICH, P. E.

Fuel Abst.
Vol. 15 No. 4
Apr. 1954
Natural Solid Fuels
Winning

2715. SQUEEZING OUT OF COAL IN LONGWALLS. Levkovich, P.E. and
Tastenov, A.N. (Uzel (Coal), Oct. 1953, 14-16). In the Karaganda coal field
a layer of coal up to 50 cm thick is liable to come away from a vertical face
after it has been cut. Danger is reduced by placing vertical props close up
to the face or inclined sprags against it, but the phenomenon itself has been
eliminated by firing shots so as to leave a face that is inclined outwards
from top to bottom. Modifications are suggested to cutter-loaders to get the
same result in machine mining. (L).

LEVKOVICH, P. YE.

LEVKOVICH, P. YE.: "Investigation of the phenomena of mine pressure in the cleaning sections of the mines in the Karaganda Basin." Alma-Ata, 1955. Acad Sci Kazakh SSR. Inst of Metallurgy and Enrichment. (Dissertation for the Degree of Candidate of Technical Sciences)

SO: Knizhnaya Letopis' No. 47, 19 November 1955. Moscow.

LEVKOVICH, Pavel Yemel'yanovich; BORODINA, Galina Ivanovna; KOBISHCHANOV,
M.A., redaktor; RATNIKOVA, A.P., redaktor; NADZINSKAYA, A.A.,
tekhnicheskii redaktor

[Rock pressure and roof control in stopes of mines of the Kara-
ganda Basin] Gornoe davlenie i upravlenie krovlei v oshistnykh
zaboiakh shakht Karagandinskogo basseina. Moskva, Gos.nauchno-
tekhn. izd-vo lit-ry po ugol'noi promysh., 1955. 92 p.

(MIRA 9:2)

(Karaganda Basin--Coal mines and mining)

Levkovich, P.E.

1963. NEW INSTRUMENTS FOR MEASURING THE LOAD ON A SUPPORT.
Prigoshin, E.S. and Levkovich, P.E. (Ugol (Coal, Moscow), 1963, 28, 29).
Illustrated descriptions are given of the MD-2 and MSD-2 dynamometers
for placing under mine supports. Loads up to 50 tons are indicated and
recorded from the deflection of a steel dielectric (L).

PRIGOZHIN, Ye. S., kandidat tekhnicheskikh nauk; LEVKOVICH, P. Ye.
gornyy inzhener.

New instruments for measuring the load on supports. Ugol' 30
no. 4:28-29 Ap '55. (MIRA 8:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy ugol'nyy institut
(for Prigoshin) 2. KNIUI (for Levkovich)
(Coal mines and mining) (Measuring instruments)

LEVKOVICH, P.Ye.

Efficient two and three-layer system of mining the "Verkhniaia
Marianna" seam. Nauch. trudy KPIUI no.2:66-87 '58.
(MIRA 13:8)
(Karaganda Basin-Qal mines and mining)

LEVKOVICH, r.Ye., kand. tekhn. nauk

Nature of the manifestation of rock pressure in stops of the strip and entry type. Socr. DonUGI no.33:101-110 '62.

Effect of the speed of advancement of the stop on the deformation of the seam by rock pressure. Ibid.:111-112

Stressed state of the massif during the mining of coal in strips or with entries. Ibid.:113-114

(MIRA 17:11)

S/169/62/000/008/005/090
E202/E192

AUTHORS: Dzhamalov, S.A., and Levkovich, R.A.
TITLE: Laws governing the changes of temperature with depth
PERIODICAL: Referativnyy zhurnal, Geofizika, no.8, 1962, 11,
abstract 8 A 57. (Tr. Geol. in-ta Dagestansk. fil.
AN SSSR, 1960 (1961), (2), 245-251).

TEXT: A method of obtaining temperature readings at various depths unaffected by the influence of the borehole is presented. The real temperature at the heading is calculated with known approximation from the mean annual temperature of the surface and the mean value of temperature on the logging diagram. The geo-thermal gradient in the part close to the heading, characterising total heat flux arriving from the interior of the Earth, is determined from the real (or calculated) data of the heading temperatures at two depths and heat conductivity of the rocks within the interval of these depths. Knowing the heat flux arriving from the interior of the Earth and the thermo-conductivity of the rock strata, it is possible to determine the temperature

Card 1/2

DZHAMALOV, S.A.; LEVKOVICH, R.A.

Thermal waters of the middle Miocene in Daghestan and their utilization. Trudy Geol.inst.Dag.fil. AN SSSR 1:142-150 '57.
(MIRA 14:9)

(Daghestan--Springs)

DZHAMALOV, S.A.; LEVKOVICH, R.A.; SUYETNOV, V.V.; MATVEYEV,
G.A., *otv. red.*

[Heat of the earth and its practical utilization] Teplo
Zemli i ego prakticheskoe ispol'zovanie. Moskva, Nauka,
1965. 108 p. (MIRA 18:9)

DZHAMALOV, S.A.; LEVKOVICH, R.A..

Temperature changes with depth. Trudy Geol.inst.Dag.fil. AN SSSR
2:245-251 '60. (MIRA 15:12)
(Earth temperature)

SINENKO, N.P., inzh.; ZEL'DES, N.L., inzh.; LEVKOVICH, S.I., inzh.

Turbocompressor of the new D70 diesel locomotive. Mashino-
stroenie no. 6297-79 N-D '64 (MIRA 1882)

SINENKO, N.P., inzh.; ZEL'DES, N.L., inzh.; LEVKOVICH, S.L., inzh.

Finishing the turbocompressor for the D-70 engine. Mashinostroenie
no.2:100-102 Mr-Apr '65. (MIRA 18:6)

L 57834-65

ACCESSION NR: AP5018879

UR/0304/64/000/006/0097/0079

AUTHOR: Sinenko, N. P. (Engineer); Zel'des, N. L. (Engineer); Levkovich, S. L. (Engineer)

TITLE: Turbocompressor of the new D70 diesel locomotive engine

SOURCE: Mashinostroyeniye, no. 6, 1964, 97-99

TOPIC TAGS: engine compressor system, diesel engine, locomotive, locomotive engineering, mechanical engineering/D70 diesel engine

ABSTRACT: The new turbocompressor intended for pressurizing the four-cycle, high-economy D70 diesel locomotive engine of 3,000 hp, is a unit consisting of a single-stage axial turbine operating on the exhaust gases of the engine, and a single-stage centrifugal compressor.

The plans for the turbocompressor were developed by the Khar'kov Polytechnic Institute im. Lenin. Test models were built and studied, along with the D70 itself, at the V. A. Malyshev plant during 1962-1963.

Card 1/3

L 57834-65

ACCESSION NR: AP5018879

Technical specifications of the turbocompressor:

Air flow to diesel	3.95 kg/sec
Degree of pressurization	2.48 kg/cm ²
Pressure at charger input	0.993 kg/cm ²
Temperature at charger input	15°C
Pressure of exhaust gases ahead of turbine	1.98 kg/cm ²
Temperature of exhaust gases ahead of turbine	540°C. Prolonged operation at 570°, and brief operation at 610°C, are permitted
RPM	20,000
Efficiency	0.61
Service life before major repair	20,000 hrs

CSO: 1880-D (76 pages)
1600-D (205 pages)

Card 2/3

L 57834-65

ACCESSION NR: AP5018879

A characteristic design feature of the turbocompressor is the placement of the turbine bearing, which made possible standardization in producing two variants of the D70 (ordinary gas-turbine pressurizing, and with use of excess engine power), minimal axial size, and maximal increase in the distance between the rotor blades and the nozzle. The turbocompressor has shown reasonably good performance over a wide range of operational conditions. Orig. art. has: 1 figure.

ASSOCIATION: none

SUBMITTED: 00

NR REF SOV: 000

ENCL: 00

OTHER: 000

SUB CODE: IE

JPRS

LEVKOVICH, V.A.

Technology

(Primary processing of cotton) Moskva, Gos. nauchno-tekhn. izd-vo legkoi promyshl.,
1950

Approved for Russian Accessions, Library of Congress, July 1952. UNCLASSIFIED.

BEREZOVSKIY, B.Ya.[deceased]; VESELOVSKIY, I.N.; MODESTOV, A.y.
[deceased]; LEVKOVICH, V.D.; BEZRUKOVA, N., red.; KALECHITS, G.,
tekhn. red.

[Reference book on elementary mathematics, mechanics, and
physics] Spravochnik po elementarnoi matematike, mekhanike i fi-
zike. Izd. 8. Minsk, Gos. izd-vo BSSR. Redaktsiia nauchno-tekhn.
lit-ry, 1962. 199 p. (MIRA 16:3)

(Mathematics) (Mechanics) (Physics)

SERGEYEVA, Z.D.; LEVKOVICH, V.G.

Structure of the genital apparatus in some synanthropic flies.
Zool. zhur. 40 no.5:719-724 '61. (MIRA 14:5)

1. Department of Zoology, Penza Pedagogical Institute.
(Flies)
(Generative organs)

LEVKOVICH, V.L.

Science

Solving numerical algebraic and transcendental equation. Minsk, Izd. Akademiy Nauk
Belorus. SSR, 1951.

Monthly List of Russian Accessions, Library of Congress, October 1952, UNCLASSIFIED.

1. LEVKOVICH, V. L.
2. USSR (600)
4. Physics and Mathematics
7. Solution of Numerical Algebraic and Transcendental Equations. V. L. Levkovich.
(Minsk, Acad Sci Byeloruss SSR Press, 1951). Reviewed by K. A. Semendyayev.
Sov. Knige, No. 9, 1952.

9. Report U-3081, 16 Jan. 1953, Unclassified.

1. LEVKOVICH,V.L.
2. USSR (600)
4. Science
7. Theory of probabilities. Minsk, Izdatel'stvo AN BSSR, 1952

9. Monthly List of Russian Accessions, Library of Congress, February, 1953. Unclassified.

GNEDENKO, B.V.; KHINCHIN, A.Ya.; LEVKOVICH, V.L. [authors]; YAGLOM, A.M. [reviewer].

"Elementary introduction to the theory of probabilities." B.V.Gnedenko, A.IA.Khinchin; "Theory of probabilities." V.L.Levkovich. Reviewed by A.M.IAglom. Sov.kniga no.8:3-5 Ag '53. (MLBA 6:8)
(Probabilities) (Gnedenko, B.V.) (Khinchin, Aleksandr IAKovlevich, 1894-) (Levkovich, V.L.)

LEVKOVICH, V.L.; KAPRANOVA, N.V., red.

[Analytic and graphic methods for approximate calculations]
Analiticheskie i graficheskie metody priblizhennykh vychislenii. Minsk, Redaktsionno-izdatel'skii otдел BPI im. I.V.Stalina, 1959. 74 p. (MIRA 12:10)
(Approximate computation) (Nomography (Mathematics))

SOV/112-59-3-4435

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 3, p 21 (USSR)

AUTHOR: Levkovich, V. V.

TITLE: The "Enthalpy" Parameter (O parametre "teplosoderzhaniye")

PERIODICAL: Sb. nauchnykh. rabot. Belorussk. politekhnicheskii in-t, 1957,
Nr 61, pp 191-200

ABSTRACT: It is pointed out that the most fruitful explanation of the physical meaning of enthalpy lies in the interpretation of this concept as a total stream energy which can be considered as a sum of the internal energy and the propulsion energy. The closed cycle of a steam-power unit is cited as an example. The propulsion energy is defined, and the advantages of the above enthalpy interpretation are illustrated by examples.

S.L.R.

Card 1/1

LEVKOVICH, Y.V.; ODEL'SKIY, E.Kh., prof., doktor tekhn.nauk, zasluzhennyy
deyatel' nauki i tekhniki BSSR, retsenzent; BLYUM, A.G., red.;
KONCHITS, Ye.P., tekhn.red.

[Heat losses in water systems operating under varying conditions]
Poteri tepla vodianymi setiami pri neustanovivshemsia rezhime.
Minsk, Redaktsionno-izdatel'skii otdel BPI im. I.V.Stalina, 1960.
136 p. (MIRA 13:7)

(Heat engineering)

(Heat--Transmission)

LEVKOVICH, Ya.

Continuous No. 2 inspection. Avt. transp. 41 no. 8:24-25
Ig '63. (MIRA 16:11)

1. Nachal'nik Donetskoy avtokolonny.

L 36993-66 EWP(j)/EWT(m)/T IJP(o) RM

ACC NR: AP6008503

SOURCE CODE: UR/0062/66/000/001/0097/0100

AUTHOR: Andrianov, K. A.; Dabagova, A. K.; Levkovich, Ye. A.

ORG: Institute of Heteroorganic Compounds, Academy of Sciences, SSSR (Institut elementoorganicheskikh soyedineniy Akademii nauk SSSR)

TITLE: Synthesis of (chloromethyl)methylphenylchlorosilane¹ and its derivatives

SOURCE: AN SSSR. Izvestiya. Seriya khimicheskaya, no. 1, 1966, 97-100

TOPIC TAGS: chemical synthesis, silane, polymerization

ABSTRACT: In this investigation the authors synthesize (chloromethyl)methylphenylchlorosilane from (chloromethyl)methyldichlorosilane and bromobenzene by Grignard's reaction. The yield of distilled (chloromethyl)methylphenylchlorosilane was about 50% of the theoretical. This compound usually reacts with ethanol to form (chloromethyl)methylphenylethoxysilane. The best yield of the new compound, about 90% of the theoretical, was observed when the reaction took place at room temperature. The reaction of (chloromethyl)methylphenylethoxysilane with potassium methacrylate yielded (methylmethacrylate)methylphenylethoxysilane. Its yield was 30% of the theoretical. This compound can be polymerized along the double C-C bond and enters into a condensation and cocondensation refraction owing to the presence of the ethoxy group at the silicon atom.

Card 1/2

UDC: 542.91+546.287

L 36993-66

ACC NR: AP6008503

Polymerization occurs at low temperatures with a slow increase of viscosity with the formation of a vitreous polymer. By cocondensation of this compound with trimethylacetoxysilane in the presence of 10 wt.% conc. HCl the authors obtained 1-[(methylemethacrylate)methylphenyl] trimethyldisiloxane. The reaction product is a transparent, almost odorless liquid polymerizing upon heating in the presence of peroxide initiators. The physicochemical properties of these compounds are given in a table. Orig. art. has: 3 tables.

SUB CODE: 07/ SUBM DATE: 02Sep63/ ORIG REF: 001/ OTH REF: 000

Card 2/2 *GP*

NAUMOV, R.L.; LEVKOVICH, Ye.M.; RZHAKHOVA, O.Ye.

Role of birds in the circulation of the virus of tick-borne encephalitis (Krasnoyarsk territory). Med. paraz. i paraz. bol. 32 no.1:18-29 Ja-F'63. (MIRA 16:10)

1. Iz Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni Ye.I.Martsinovskogo (dir. - prof. P.G.Sergiyev) Ministerstva zdravookhraneniya SSSR i Instituta poliomyelita i virusnykh entsefalitov AMN SSSR, Moskva.

*

LEVKOVICH, YE. M.

Evaluation of the protective effect of diphtheria anatoxins. E. N. Levkovich and O. S. Zak. J. Microbiol., Epidemiol., Immunobiol. (U. S. S. R.) 14, 863-73 (in German 873) (1935). The expts. do not show a parallelism between the flocculation value of the anatoxin and its immunizing strength, which does not confirm the work of Ramon. There is a direct relation between the immunizing strength and the antitoxin content of the blood of the immunized animal. Diphtheria anatoxin has various adsorption capacities, which can be detd. in the anatoxin-antitoxin formation reaction by the use of an unspecific competing adsorbent such as Congo red. The greater the adsorption energy of the anatoxin, the larger is the quantity of Congo red necessary to retard flocculation. S. A. Karala

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45																									
COMMON ELEMENTS													COMMON VARIANTS												
LEVKOVICH, YE. N.													PROCESS AND PROPERTIES INDEX												
ca													The titration of diphtheria anatoxin. E. N. Levkovich and O. S. Zak. <i>Z. Microbiol. Epidemiol. Immunol. Inf.</i> (U.S.S.R.) 17, 619-32 (in German 631-2) (1936).—The titration of diphtheria anatoxin by the flocculation method in a relatively rare no. of cases gives values widely different from those obtained by direct immunization studies on animals. This may be due to a false interpretation of the flocculation reaction or to a loss of antigenic characteristics with a preservation of flocculation characteristics and vice versa. The ring concn. reaction gives results differing from those obtained by flocculation reactions, but which are in agreement with those obtained by the method of Kraus, and with direct immunization studies on animals. There is a direct but not strong proportionality between the adsorption titer, the pptn. titer, the binding capacity (Kraus) and the vaccination characteristics of the anatoxin. S. A. Karjala												
ASB-11A METALLURGICAL LITERATURE CLASSIFICATION																									
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LEVKOVICH, E. N.; SHUBLADZE, A. K.; CHUMAKOV, M. P. and SOLOVIEV, V. D.

Etiology of spg.-sum. enceph. Arch. sei. biol., 1938, Vol. 51.

LEVKOVICH, Ye. N.; CHUMANOV^K, M. P.; SHAPOVAL, A. N.; GLASUNOV, K. S.

A clinical study of the action of immune serum on spring-summer enceph. Arch. sci. biol., 1939, Vol. 56.

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